



## Top Tether / ISOFIX Hook - Anti-Bump Cover Upgrade



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### Summary

ISOFIX/Top Tether hook remix. Adds 3 styles of anti-bump covers to lock umbrellas in place.

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### ☂ Anti-Bump Upgrade with 3 Cover Styles

This remix introduces **3 different cover models** designed to snap perfectly into the existing holes of the original hook.

The main purpose is to prevent the umbrella from falling out when driving over speed bumps. Additionally, this upgrade allows you to hang **2 to 3 umbrellas simultaneously** on the same hook (depending on the umbrella's handle thickness).

#### The 3 Styles Included:

- **Style 1 - Easy Print:** Straight profile, very easy to print without supports. Optimized for **1 single umbrella**.
- **Style 2 - Hard Click (Double):** Very tight and secure snap-fit. Designed to hold **2 umbrellas**.

- **Style 3 - Easy Click/Fit:** The sweet spot, easy to attach/detach while ensuring a reliable hold.

### Print Settings:

- **Material: PETG** (Highly recommended, PLA will deform under summer car temperatures).
- **Profile:** 0.25mm Structural
- **Perimeters (Walls): At least 3 outer layers** to ensure the structural strength of the hook.
- **Infill: 20-25% Gyroid** (best for omnidirectional strength).
- **Supports:** Not needed for Style 1 (Easy Print). For Style 2 and 3, check based on your orientation on the heatbed.

## This remix is based on



**TOP TETHER / HOOK ISOFIX** „Test model for Volkswagen Group and Toyota vehicles.

by Očko

## Model files



**isofix\_hook\_cover.stl**

☐ Style 2: Hard click, multiple umbrella



**isofix\_hook\_cover\_2.stl**

☐ Style 1: Easy print, Easy click, single umbrella



**isofix\_hook\_cover\_3.stl**

☐ Style 3: Easy click, multiple umbrella

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